

Appendix 2.4:

Potential Sources of Contamination Categorized by Land Use (U.S. EPA, 2003)

Commercial/Industrial

Above-ground storage tanks
Automobile, Body Shops/Repair Shops
Boat Repair/Refinishing/Marinas
Cement/Concrete Plants
Chemical/Petroleum Processing
Construction/Demolition
Dry Cleaners/Dry Cleaning
Dry Goods Manufacturing
Electrical/Electronic Manufacturing
Fleet/Trucking/Bus Terminals
Food Processing
Funeral Services/Taxidermy
Furniture Repair/Manufacturing
Gas Stations
Hardware/Lumber/Parts Store
Historic Waste Dumps/Landfills
Home Manufacturing
Hydrocarbon Extraction
Industrial Waste Disposal Wells
Junk/Scrap/Salvage Yards
Machine Shops
Medical/Vet Offices
Metal Plating/Finishing/Fabricating
Military Installations
Mines/Gravel Pits
Office Building/Complex
Pipelines (Hazardous Liquid Transmission)
Photo Processing/Printing
Synthetic/Plastic Production
RV/Mini Storage
Railroad Yards/Maintenance/Fueling Areas
Research Laboratories
Retail Operations
Underground Storage Tanks
Wood Preserving/Treating
Wood/Pulp/Paper Processing

Agricultural/Rural

Auction Lots/Boarding Stables
Animal Feeding Operations/Confined Animal Feeding Operations
Bird Rookeries/Wildlife feeding/migration zones
Crops – Irrigated + Non-irrigated
Dairy Operations
Drainage Wells
Lagoons and Liquid Waste Disposal – Agricultural
Managed Forests/Grass Lands
Pesticide/Fertilizer Storage Facilities
Residential Wastewater Lagoons
Rural Homesteads

Residential/Municipal

Airports (Maintenance/Fueling Areas)
Apartments and Condominiums
Camp Grounds/RV Parks
Cemeteries
Cesspools – Large Capacity
Drinking Water Treatment Facilities
Gas Pipelines
Golf Courses
New Development (Addition of impervious surfacing)
Landfill/Dumps
Public Buildings
On-site Sewage (Septic) Systems
Sewer Lines
Storm water infiltration basins, Injection into wells (UIC Class V)
Runoff zones
Transportation Corridors
Urban Parks
Utility Stations
Waste Transfer/Recycling
Wastewater Treatment Facilities/Discharge locations
(incl. land disposal and underground injection of sludge)

Miscellaneous

Abandoned drinking water wells (conduits for contamination)
Naturally Occurring
Underground Injection Controls (UIC) Wells
CLASS I – deep injection of hazardous and non-hazardous wastes into aquifers separated from underground sources of drinking water (banned in Washington)
CLASS II – deep injection wells of fluids associated with oil/gas production
CLASS III – re-injection of water/steam into mineral Formations for mineral extraction (banned in Washington)
CLASS IV – inject hazardous or radioactive waste into or above underground sources of drinking water (banned in US).
CLASS V – shallow injection wells